

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

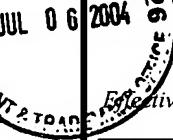
IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.



Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	\$ 130.00
--------------------------------	-----------

METHOD OF PAYMENT (Check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number: 03-2769
Deposit Account Name: Conley Rose, P.C.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account
 Credit any overpayments

FEE CALCULATION
1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Fee	Fee	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee		\$	
1002 340	2002 170	Design filing fee		\$	
1003 530	2003 265	Plant filing fee		\$	
1004 770	2004 385	Reissue filing fee		\$	
1005 160	2005 80	Provisional filing fee		\$	

SUBTOTAL (1) \$
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims		= 2	x 18.00 =	\$36.00
Independent		= 3	x 86.00 =	\$258.00
Claims				
Multiple Dependent			290.00	= \$ 00.00

Large Entity	Small Entity	Fee	Fee	Fee Description
Code (\$)	Code (\$)	Fee	Fee	Fee Description
1202 18	2202 9	Claims in excess of 20		
1201 86	2201 43	Independent Claims in excess of 3		
1203 290	2203 145	Multiple dependent claim, if not paid		
1204 86	2204 43	** Reissue independent claims over original patent		
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		

SUBTOTAL (2) \$

** or number previously paid, if greater; For Reissues, see above

SUBMITTED BY
Complete (if applicable)

Name (Print/Type)	Jeffrey L. Johnson	Registration No. (Attorney/Agent)	53,078	Telephone	(713) 238-8000
Signature				Date	June 29, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-OPTO-9199 (1-800-786-9199) and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles R. Rapier, et al. § Group Art Unit: 1755
Serial No.: 10/706,645 § Examiner:
Filed: November 12, 2003 § Atty. Docket No.: 1856-42801
For: Stabilized Alumina Supports, §
Catalysts Made Therefrom, §
And Their Use In Partial §
Oxidation §

**PETITION TO CORRECT INVENTORSHIP BY THE ADDITION
OF INVENTOR(S) (37 CFR 1.48(a) AND/OR (c))**

Atty. Dkt. No.: 1856-42801
Client Ref. No.: 40183
Date: June 29, 2004

Commissioner for Patents
Arlington, VA 22313-1450

Sir:

Applicants for the above-identified application submits this petition under 37 C.F.R. § 1.48(a) to correct the incorrect original naming of inventor(s) in the Declaration. Applicants request: that Cemal Ercan be added as an inventor of this application.

Attached is a *Statement of Lack of Deceptive Intent by Person Being Added as an Inventor, Assignee Consent* and a *Declaration* of each of the actual inventors.

The Commissioner is hereby authorized to charge Deposit Account 03-2769, Conley Rose, P.C., in the amount of \$130 for the filing of this petition.

Respectfully submitted,

Jeffrey L. Johnson
Reg. No. 53,078
CONLEY ROSE, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
(713) 238-8000

ATTORNEY FOR APPLICANTS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles R. Rapier, et al. § Group Art Unit: 1755
Serial No.: 10/706,645 § Examiner:
Filed: November 12, 2003 § Atty. Docket No.: 1856-42801
For: Stabilized Alumina Supports, §
Catalysts Made Therefrom, §
And Their Use In Partial §
Oxidation §

ASSIGNEE'S CONSENT

Atty. Dkt. No.: 1856-42801 (40183)

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

The undersigned, being the Assignee of the entire interest of the above-identified application by virtue of a previously filed assignment hereby consents to a correction of inventorship to include Cemal Ercan as actual inventor along with the originally-named inventors, Charles R. Rapier, Shuibo Xie, Baili Hu, Beatrice C. Ortego, David E. Simon and David M. Minahan, in connection with the captioned application.

The undersigned is empowered to act on behalf of the Assignee.

Date: June 11, 2004

Conoco Phillips Company


Name: George W. Paczkowski
Title: Vice President



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles R. Rapier, et al. § Group Art Unit: 1755
Serial No.: 10/706,645 § Examiner:
Filed: November 12, 2003 § Atty. Docket No.: 1856-42801
For: Stabilized Alumina Supports, §
Catalysts Made Therefrom, §
And Their Use In Partial §
Oxidation §

**STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSONS NAMED AS INVENTORS AGREEING TO
CHANGE OF INVENTORSHIP**

Atty. Dkt. No.: 1856-42801 (40183)

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

We, Charles R. Rapier, Shuibo Xie, Baili Hu, Beatrice C. Ortego, David E. Simon and David M. Minahan, do hereby declare that:

1. Cemal Ercan was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on our part.
2. Further, we declare not.

Date: June 8, 2004
Executed at:

Charles R. Rapier
Charles R. Rapier

THE STATE OF §
§
COUNTY OF §

BEFORE ME, the undersigned authority, on this day personally appeared Charles R. Rapier, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of
_____, 2004.

[S E A L]

My Commission Expires: _____

X

Notary Public in and for
the State of ~~Oklahoma~~
Montana

Date: June 3, 2004
Executed at: Ponca City, Oklahoma


Shuibo Xie

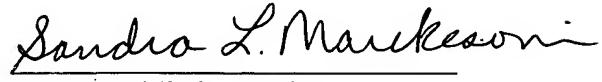
THE STATE OF OKLAHOMA §
 §
COUNTY OF KAY §

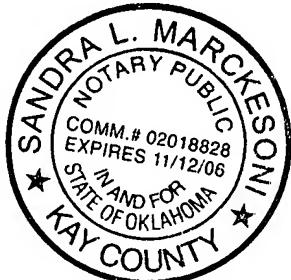
BEFORE ME, the undersigned authority, on this day personally appeared Shuibo Xie, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 3rd day of
June, 2004.

[S E A L]

My Commission Expires: November 12, 2006


Sandra L. Marckeson
Notary Public in and for
the State of Oklahoma



Date: _____, 2004
Executed at: Ponca City, Oklahoma

Baili Hu

THE STATE OF ~~OKLAHOMA~~ §
COUNTY OF ~~KAY~~ §

BEFORE ME, the undersigned authority, on this day personally appeared Baili Hu, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____, 2004.

[S E A L]
My Commission Expires: _____

Notary Public in and for
the State of Oklahoma

Date: May 25, 2004
Executed at: Ponca City, Oklahoma

Beatrice Ortego
Beatrice C. Ortego

THE STATE OF OKLAHOMA §
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared Beatrice C. Ortego, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 25th day of May, 2004.

[S E A L]
My Commission Expires: November 12, 2006

Sandra L. Marckeson
Notary Public in and for
the State of Oklahoma



Date: 05/24, 2004
Executed at: Ponca City, Oklahoma
Bartlesville

David E. Simon
David E. Simon

THE STATE OF OKLAHOMA §
 §
COUNTY OF ~~KAY~~ §
 §

BEFORE ME, the undersigned authority, on this day personally appeared David E. Simon, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 24 day of
May, 2004.

[SEAL]
My Commission Expires: 8-3-2004

Chris Keyes
Notary Public in and for
the State of Oklahoma

Date: June 3, 2004
Executed at: Ponca City, Oklahoma

David M. Minahan
David M. Minahan

THE STATE OF OKLAHOMA §
 §
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared David M. Minahan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 3rd day of
June, 2004.

[SEAL]
My Commission Expires: November 12, 2006

Sandra L. Marckeson
Notary Public in and for
the State of Oklahoma



EXECUTED at Miami, Florida on the date indicated below, opposite my signature.

Date: 6-14-2004

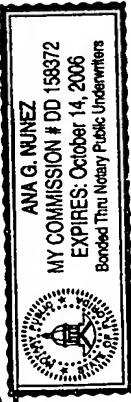

Baili Hu

THE STATE OF FLORIDA
§
COUNTRY OF Dade
§

BEFORE ME, the undersigned authority, on this day personally appeared Baili Hu, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 14 day of

June
2004



[S E A L]

My Commission Expires:

Oct. 14, 2006


Notary Public in and for
the State of Florida

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION
---------------------------	---

As below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or
 Application No. 10/706,645, filed on November 12, 2003.
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor five: David E. Simon	Date: <u>05/24</u> , 2004
Signature: <u>David E. Simon</u>	Citizen of: U.S.
Inventor six: David M. Minahan	Date: <u>06/03</u> , 2004
Signature: <u>David M. Minahan</u>	Citizen of: U.K.
Inventor seven: Cemal Ercan	Date: <u>June 3</u> , 2004
Signature: <u>C. Ercan</u>	Citizen of: Turkey
Inventor eight:	Date: _____, 2004
Signature:	Citizen of:

Additional inventors are being named on _____ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DECLARATION (37 CFR 1.63)
FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION
---------------------------	---

As below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or
 Application No. 10/706,645, filed on November 12, 2003.
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: June 8, 2004

Signature: Charles R. Rapier Citizen of: U.S.

Inventor two: Shuibo Xie Date: June 3, 2004

Signature: S. Xie Citizen of: China

Inventor three: Baili Hu Date: _____, 2004

Signature: _____ Citizen of: P.R. China

Inventor four: Beatrice C. Ortego Date: May 25, 2004

Signature: Beatrice Ortego Citizen of: France

Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DECLARATION (37 CFR 1.63)
FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION
---------------------------	---

As below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or
 Application No. 10/706,645, filed on November 12, 2003.
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)		
Inventor one:	Charles R. Rapier	Date: _____, 2004
Signature:	[signed on separate sheet]	Citizen of: U.S.
Inventor two:	Shuibo Xie	Date: _____, 2004
Signature:	[signed on separate sheet]	Citizen of: China
Inventor three:	Baili Hu	Date: <u>June 14</u> , 2004
Signature:	<u>Beatrice C. Ortego</u>	Citizen of: P.R. China
Inventor four:	Beatrice C. Ortego	Date: _____, 2004
Signature:	[signed on separate sheet]	Citizen of: France
<input type="checkbox"/> Additional inventors are being named on 1 additional form(s) attached hereto.		

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by ConocoPhillips Company, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, CEMAL ERCAN, along with CHARLES R. RAPIER, SHUIBO XIE, BAILI HU, BEATRICE C. ORTEGO, DAVID E. SIMON, DAVID M. MINAHAN are joint inventors ("ASSIGNORS"), having made an invention in STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION, while in the employ either as an employee or consultant of ConocoPhillips Company, a corporation organized and existing under the laws of the State of Delaware, doing business in Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ConocoPhillips Company its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION;
2. United States of America patent application on said invention, Serial No. 10/706,645, filed November 12, 2003, Attorney's File No. 1856-42801 (40183), entitled STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at Ponca City, Oklahoma on the date indicated below, opposite my signature.

Date: June 3, 2004

C. Ercan
Cemal Ercan

THE STATE OF OKLAHOMA §
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared Cemal Ercan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 3rd day of June, 2004.

[S E A L]

My Commission Expires:

November 12, 2006



Sondra L. Mackeson
Notary Public in and for
the State of Oklahoma



Supplemental Application Data Sheet

APPLICATION INFORMATION

Application Number:: 10706645
Filing Date:: 11/12/03
Application Type:: Regular
Subject Matter:: Utility
Title:: Stabilized Alumina Supports,
Catalysts Made Therefrom, And
Their Use In Partial Oxidation
Attorney Docket Number:: 1856-42801 (40183)
Suggested Drawing Figure:: 1
Total Drawing Sheets:: 3

APPLICANT INFORMATION

Applicant Authority type:: Inventor
Primary Citizenship
Country:: US
Status:: Full Capacity
Given Name:: Charles R.
Family Name:: Rapier
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 128 Park View Lane
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of

mailing address:: 74601

Applicant Authority type:: Inventor

Primary Citizenship

Country:: China

Status:: Full Capacity

Given Name:: Shuibo

Family Name:: Xie

Name Suffix::

City of Residence:: Ponca City

State or Province of Residence:: OK

Country of Residence:: US

Street of mailing address:: 3607 Bellflower Avenue

City of mailing address:: Ponca City

State or Province of mailing address:: OK

Country of mailing address:: US

Postal or Zip Code of mailing address:: 74604

Applicant Authority type:: Inventor

Primary Citizenship

Country:: P.R. China

Status:: Full Capacity

Given Name:: Baili

Family Name:: Hu

Name Suffix::

City of Residence:: Miami

State or Province of Residence:: FL

Country of Residence:: US

Street of mailing address:: 10810 SW 125th Avenue

City of mailing address:: Miami

State or Province of

mailing address:: FL

Country of mailing
address:: US

Postal or Zip Code of

mailing address:: 33186

Applicant Authority type:: Inventor

Primary Citizenship

Country:: France

Status:: Full Capacity

Given Name:: Beatrice C.

Family Name:: Ortego

Name Suffix::

City of Residence:: Ponca City

State or Province of Residence:: OK

Country of Residence:: US

Street of mailing address:: 2313 Chapel Hill

City of mailing address:: Ponca City

State or Province of

mailing address:: OK

Country of mailing
address:: US

Postal or Zip Code of

mailing address:: 74604

Applicant Authority type:: Inventor

Primary Citizenship

Country:: US

Status:: Full Capacity

Given Name:: David E.

Family Name:: Simon
Name Suffix::
City of Residence:: Bartlesville
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 5561 Chickering Court
City of mailing address:: Bartlesville
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74006

Applicant Authority type:: Inventor
Primary Citizenship
Country:: UK
Status:: Full Capacity
Given Name:: David M.
Family Name:: Minahan
Name Suffix::
City of Residence:: Stillwater
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 1015 Pecan Hill Street
City of mailing address:: Stillwater
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74074

Applicant Authority type:: Inventor
Primary Citizenship
Country:: Turkey
Status:: Full Capacity
Given Name:: Cemal
Family Name:: Ercan
Name Suffix::
City of Residence:: Tulsa
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 9917 South 87th East Ave.
City of mailing address:: Tulsa
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74133

CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 31889

REPRESENTATIVE INFORMATION

Representative Customer Number:: 31889

DOMESTIC PRIORITY INFORMATION

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Non-Provisional of	60/501,185	09/08/2003
And	Claims benefit of	60/425,381	11/11/2002
And	Claims benefit of	60/425,383	11/11/2002

ASSIGNEE INFORMATION

Assignee name:: ConocoPhillips Company
Street of mailing address:: 600 North Dairy Ashford
City of mailing address:: Houston
State or Province of
mailing address:: TX
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 77079

JURAT

State of Montana
County of Yellowstone

Subscribed and sworn/affirmed to before me this 8 day of June,
2004, by Charles Robert Raper.

DEBRA L. OSTWALT
NOTARY PUBLIC for the State of Montana
Residing at Billings, Montana
My Commission Expires February 12, 2007

Debra L. Ostwalt

Notary Public

My Commission Expires: Feb. 12, 2007

Attribution Clause: This Certificate is prepared for, and exclusively belongs to, the accompanying document entitled

Patent legal document, which consists of 3 page(s) and is dated June 3, 2004.
If this Certificate is appropriated to any document other than the one described herein, it shall be deemed null and void.